
ENGINEERING ADDENDUM

The following letter is provided by Solid Structural Engineering for the Dyphibane Residence at
1188 South Old Trappers Loop Road
Huntsville, UT 84317

Changes listed in this letter supersede information contained in the original structural drawings or previous letters. Only items listed in this letter are permitted to be changed from the original design or previous letters. Any alterations to this letter are prohibited.

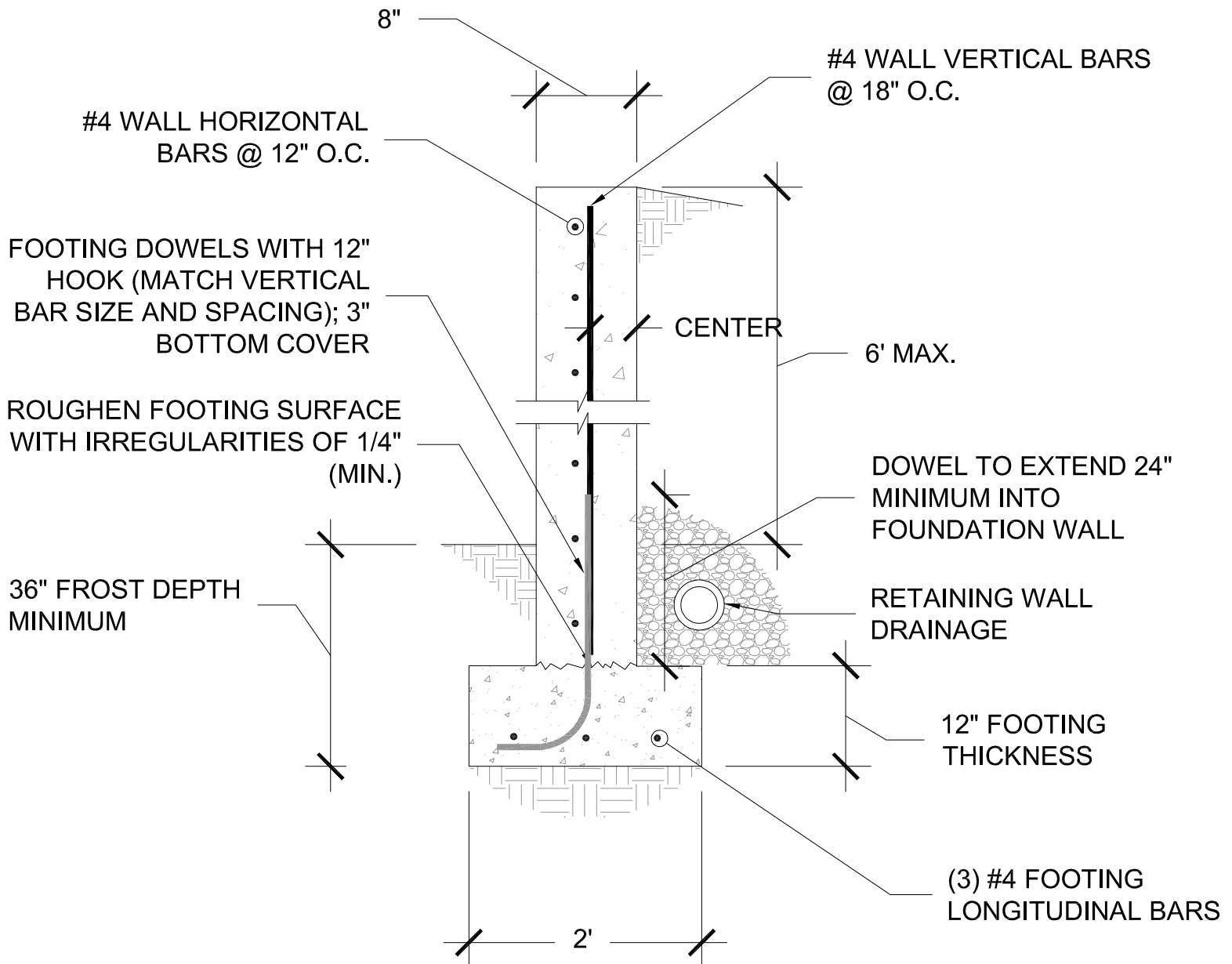
The owner requested adjustments to the septic enclosure engineering.

1. Concrete wall with a framed deck around the septic system.
 - a. The dimensions of the enclosure are 13' X 20'.
 - b. See the revised detail 'BW' for the foundation specifications.
 - c. Frame 2X10 deck joists @ 16" o.c. over the retaining walls per details 'ZE' and 'ZF'. The joists shall span in the 13' dimension.
 - d. The floor joists and decking must be installed prior to backfilling the concrete walls.



NOTES:

1. BACKFILL SHALL NOT BE PLACED AGAINST FOUNDATION WALLS UNTIL THE WALLS HAVE CURED TO ACHIEVE THEIR FULL 28-DAY STRENGTH.
2. KEEP HEAVY EQUIPMENT AWAY FROM THE WALL DURING AND AFTER PLACING BACKFILL
3. BACKFILL SOIL SHALL BE GW, GP, SW, OR SP CLASSIFICATIONS



ENCLOSURE FOUNDATION

SCALE : NTS



01/09/2025

RIM BOARD TO MATCH
FLOOR JOIST DEPTH, ATTACH
TO JOISTS WITH (2) 10d
(3"X0.148") END NAILS

DECKING

2X10 JOISTS @ 16" O.C.

(2) 16d (3-1/4"X0.162") TOENAILS
EACH SIDE OF JOIST

SILL PLATE ON
FOUNDATION WITH
1/2" A.B. @ 32" O.C.

ATTACH RIM BOARD TO
PLATE W/ 10d (3"X0.148")
TOENAILS AT 6" O.C.

FOUNDATION BELOW



JOIST FLOOR FRAMING - PERPENDICULAR TO WALL

SCALE : NTS



01/09/2025

RIM BOARD TO MATCH
FLOOR JOIST DEPTH, ATTACH
TO JOISTS WITH (2) 10d
(3"X0.148") END NAILS

DECKING, ATTACH TO FLOOR
BLOCKING WITH 8d
(2-1/2"X0.131") NAILS OR
DECKING SCREWS @ 4" O.C.

SILL PLATE ON
FOUNDATION WITH
1/2" A.B. @ 32" O.C.

FOUNDATION BELOW

2X10 FLOOR JOIST
@ 16" O.C.

FULL DEPTH BLOCKING
AT TWO EXTERIOR
JOIST BAYS @ 48" O.C.

(2) 16d (3-1/4"X0.162")
COMMON TOENAILS EACH
SIDE OF JOIST BLOCK

ATTACH RIM BOARD TO
PLATE W/ 10d (3"X0.148")
TOENAILS AT 6" O.C.

JOIST FLOOR FRAMING - PARALLEL TO WALL

SCALE : NTS



01/09/2025